

Claim Amendments

Please amend the claims as follows:

1. (canceled)

2. (canceled)

3. (currently amended) The method of controlling a plurality of motors for stopping said motors at a home orientation wherein each of said motors has a first contact, a second contact, and an output shaft, said plurality of motors being configured in a grid having columns and rows with said first contact of all of said motors in one of said columns connected in parallel by a first wire to a first pole of a source of electric power through a first switch and said second contact of all of said motors in one of said rows connected in parallel by a second wire to a second pole of said source of electric power through a second switch, wherein one of said plurality of motors in a first column and in a first row is energized by closing said first switch of said first column and said second switch of said first row to direct directing electric power across said first contacts of said first column and across said second contacts of said first row, said method controller comprising the steps of:

providing a switch on each of said plurality of motors wherein said switch has a first contact, a second contact, an open position, and a closed position,

providing means on each said output shaft of each of said plurality of motors for actuating said switch thereon when said shaft is at said home orientation,

connecting said first contact of said switch to said first contact of said motors for each of said plurality of said motors,

providing means for detecting a change in electric potential, ~~and~~

connecting said second contact of said switches of each of said plurality of motors of said first row ~~of said plurality of motors~~ in parallel by a third wire to said means for detecting a change in electric potential ~~by a detector line wherein said detector line is independent of a circuit for applying power to said plurality of motors, and wherein said means for detecting will detect a change in potential when said shaft of said one of said plurality of motors rotates to its said home orientation, and~~
opening said first switch of said first column and said second switch of said first row when said detector detects said change in potential to stop further rotation of said one of said plurality of motors.

4. (original) The method of claim 3 and comprising the further step of providing means in series with said switch for preventing a reverse current through said switch.

5. (currently amended) In a control for controlling a plurality of motors for stopping said motors at a home orientation wherein each of said motors has a first contact, a second contact, and an output shaft, said plurality of motors being configured in a grid having columns and rows with said first contact of all of said motors in ~~one of said columns connected in parallel wherein said first contact of said plurality of motors~~

of a first of said columns are connected in parallel by a first wire through a first switch to a first pole of a source of electric power and said second contact of all of said motors in a first of said rows are connected in parallel by a second wire through a second switch to a second pole of said source of electric power, wherein said control applies electric power to one of said plurality of motors in a said first column and in said first row is energized by closing said first and second switches and directing electric power across said first contacts of said first column and said second contacts of said first row, a switch on each of said plurality of motors, said switch on each of said plurality of motors having a first contact, a second contact, an open condition and a closed condition, and for each of said plurality of motors means on said output shaft thereof for actuating said switch thereon when its said shaft is in its said home orientation, the improvement in said control comprising:

for each one of said plurality of motors, said first contact of said switch thereon connected to said first contact of said motor,

means for detecting a change in electric potential, and

for each one of said plurality of motors in said first row of motors said second contact of said switch thereon connected in parallel to said means for detecting a change in electric potential by a third wire ~~detector line independent of a circuit to apply power to said motor~~, wherein said means for detecting will detect a change in potential when said first and second switches are closed and said output shaft of said one of said plurality of motors has rotated to its said home orientation, and

said controller terminates further rotation of said one of said plurality of motors by opening said first switch and said second switch when said means for detecting detects said change in potential.

6. (currently amended) The improvement of claim 5 and further comprising means in series with said switch on each of said plurality of motors for preventing a reverse current through said switch thereon.